

AMENDMENTS TO THE SPECIFICATION

Please add the following new heading and paragraph immediately following the title:

Cross Reference to Related Applications

This application is a National Stage of International Application No. PCT/EP03/03275, filed March 28, 2003, which claims priority to German patent application 102 14 190.8, the entire contents of each of which are hereby incorporated by reference.

At page 1, please add the following section heading before the first paragraph:

Field of the Invention

At page 1, please add the following section heading before the paragraph beginning

“The basic principles....”

Background of the Invention

At page 3, please add the following section heading before the paragraph beginning

“The invention proposes a power supply....”

Summary of the Invention

At page 6, please add the following section heading before the paragraph beginning

“The invention is described in more detail....”

Short Description of the Drawings

At page 7, please add the following section heading before the paragraph beginning

“Figure 1, which has been described above....”

Description of the Preferred Embodiment

At page 10, please replace the paragraph beginning “As long as the output current...” with the following paragraph:

As long as the output current I_0 of the switch-mode power supply 20 remains under a predetermined first threshold value I_{0P} that characterizes the end of a normal operating range I, the second stage 60 and the third stage 70 do not emit any output signals. The output voltage of the switch-mode power supply 20 is then given as:

$$U_0(I_0) = U_{0MAX} - R_{VS} \cdot I_0 - R_T \cdot I_T,$$

where

$$R_{VS} = \frac{R_{Powerloss}}{Closedloopgain}$$

Please add the Abstract on the following page.